MEASUREMENT BOOK

2nd & R A Bill

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work:- Emergency works c/o Wards No. 8						
	Est Estb:- Rs 30.00 Lakhs						
	Job No:- 008-15-000034 H/A:- P.1771						
	UO NO:- BBMP/EE/BTP/NO/172/2016-17 dt 6/2/17						
	Modified NO:- BBMP/EE/BTP/NO/49/18-19/18 07/18						
	A.S. NO:- AS/CE/YNK/9A/16-17 2027/16						
	T.S. NO:- TS/CE/YNK/17A/16-17 2017/16						
	Date of starting	10/8/2017					
	Date of Completion	23/10/2018					
	Date of Recording	23/10/2018					
	Agency:- R. Narayanswamy						

M. A. B
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al No. 2nd & R A Bill ..... From.
e of Work .....
e of Contractor of nature of Agency .....
e of commencement of work .....

e	Full description, etc, of work	Number
	2	3
Item 17	Earthwork excavation Water Supply, Sewerage Conduits etc including refilling and abstraction Soil complete as per ... Qty vide	
		CR/19

ENT BOOK

Dimensions			Contents	Reference to last Measurem
gth 4	Breadth 5	Depth 6	7	8
			Works this work no. 8	
34			H/A:- P.1771	
172			2046.17	1612/17
SP)			No/49/18-19/18	07/18
			16.17	207/16
A)			16.17	20/7/16
			20 17	
			0/2018	
			10/2018	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357326

No. 2nd & R.A.B. 24

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
(17) Earthwork excavation for trenches for laying Water Supply, Sanitary lines and electrical conduits either in pits or in trenches in 1.5m and above in width in ordinary Soil complete as per specifications						
qty vide pno 357388					85.34m³	
				mB	62.51m³	
				qty held to		
CR 198.02/m³						R 12,378.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Jno 18	providing and laying cts pcc plain cement concrete in mix 1:4:8 with opc cement @ 180kgs with 40mm and down graded jelly @0.8 cum and fine aggregate @ 0.57 cum machine mixed concrete laid cts layers not exceeding 10cm thick including cost of all materials, labour, hire of machinery complete as per specification sty vide pno 357359/this MB- @ Rs 5223.05/m³					18.94m³	Rs 98,924.00

rial No. .....
me of Work ..... F
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Num
	2	3
Jno 19	providing and Trasset size stone mas Cement mortar 1:6 of cejs courses not exceed Stones at 2m apart c materials, labour. Co per specification sty vide pn @ A	

T BOOK

sions		Contents	Reference to last Measurem
Breadth 5	Depth 6	7	8
s pattern 1:4:8 ith 40mm cum madium es not nding on of mode ete /this MS-		18.94 m³	R 98,924-00
m³			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357327

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
e of commencement of work .....

le	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	providing and Constructing Stone/trap basalt Size Stone masonry c/s foundation in Cement mortar 1:6 Stone hammer dressed c/s courses not less than 20cms high bed Stones at 2m apart including cost of materials, labours, curing, complete as per specification Qty vide pms 357389/this MS.				13.45 m³	25600-	
	QR 4259-65/m³				Limit 6.01	R 57,292-00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item no (20)	providing and Constructing Stone/ Trap/Basalt Size Stone masonry cen Basement cm 1:6 Stone chisel dressed cen courses not less than 15cm high bond Stones at 2m apart cen each courses cen including the cost of all materials, labours, Curing complete as per Specification						
	Long wall	1	16.71	0.45	0.45	3.38 m³	
	Short wall	3	3.35	0.45	0.30	1.35 m³	
				Total		4.73 m³	
	D-d	10	0.45	0.20	0.45	0.40 m³	
	@ Rs 3052.84/m³			Net		4.32 m³	
				Total		3.69 m³	Rs 18644.20

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me of Contractor of nature of Agency .....
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te	Full description, etc, of work	Numbe
	2	3
nd (21)	providing and la reinforced cement concre with OPC Cement @ 320 k down size graded gran @ 0.878 cum and fo machine mixed concr not exceeding 15cms t cen foundation plinth lintel roof slab, stair	

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurem 8
		3.38 m³	
0.45	0.45	2.25 m³	
0.45	0.30	1.35 "	
Total vol		4.73 m³	
0.20	0.45	0.40 m³	
Net vol		4.32 m³	
Total		3.69 m³	R/A 18644

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357328

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(21) providing and laying cm pt fin reinforced cement concrete of depth not less than 0.20 with opc cement @ 320 kg/m³ with 20mm and down size graded granite metal coarse aggregate @ 0.878 cum and fine aggregate @ 0.419 cum machine mixed concrete laid cm layer not exceeding 15cms thick for all works cm foundation plinth and ground floor lintel roof slab, staircase, lintels etc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Heavy Standard approved accessory such as aluminium handels, power bolts locks, hinges, pivots, and 5.5mm thick plain glass for top panel and glass filled with glazed chip underneath cost of materials, fixtures, labour and transportation of machinary Complete as per specification	3	0.90	2.10	-	5.67m²	
	@ Rs 4304.15/m²						R24,405.00
2no Ekke	(78) Grove cutting in wall Supplying and fixing 2mm/2.5mm thick heavy gauge PVC conduit pipe with bends						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	Metal junction box and bracing wire plaster up to the Cond (a) 19/2mm	
2no Ekke	(79) Supplying @ conduit pipe	@

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
rcuitry ls, power boards n thick d glass ding ches mplications 2·10 -		5·67 m²	R24,405-00
L			
Supplying (gauge eads			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357359

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Metal junction boxes metallic pads etc and bracing wire I hooks and cement plaster upto the surface of the brick bond (a) 1:9 / 2mm thick					60 m	
		1 × 60	-	-	-		
		or 45·13/m					R2707-00
End Size	(79) Supplying heavy gauge PVC conduit pipe with bends, metal						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	trenches bores adhesive parts etc and fixing concealed wood plug cups case of RCC walls and RCC strip work using heavy gauge saddles at an interval of 300 mm using GI screw	2x43=N	-		90.0 Mtr	A3,494.00	
		CR 38.83/mtr					
Ino (80) Esc	Supplying and fixing mounting teak wooden box without front plate of not less than 12mm thick wood						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	after close groo
Ino (81) Esc	Supplying an flow system cons casing capping c multi standard 2 6 Amp flush typ

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	90.0 Mtr		
			R 3494.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357360

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	After above ground casing complete -	1X10	-	-	-	10 Nos	Rs 913.00
	@ Rs 91.31/Each						
	Supplying and wiring adopting existing system c/s existing PVC conduit/ casing capping casing copper PVC insulated multi standard 2x1.5 sq mm wire with 6 Amp flush type SP Control switch						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Shall be fixed on the existing plaster sheeting box Complete for each outlet (SW Medium pair above 3m upto 6.0m ht	1x6	-	-	-	6 NO's	Rs 1542.00
		(SB 25) 13/each					
2.00 ESR (82)	Supplying and fixing of bakelite (DP) Socket over existing wood board or flush mounting cast plastic plates. (a) 32 Amps flush / projected DP switch	1x1	-	-	-	1 NO	Rs 152.00
		(SB 25) 152.18/each					

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
(83)	Wiring for light/fan point one 2 core PVC insulated copper conductor 2.5 sq.mm concealed system of wiring	1x3
(84)	Supply putty to close light fitting	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
stting for each outlet			
H 6.0 mtr		6 NO's	
-	-		Rs 1542.00
ded			
ckts/Pt/			
ered or			
plates.			
pp switch			
-	-	1 NO	
ed			Rs 152.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357361

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Incl Sheet	(83) Wiring for lighting/power circuits using one core PVC insulated 1100V grade multistrand copper conductor single core cables laid open concealed system of wiring - 1.50 mm²	1X30	-	-	-	30 mtr	Rs 472.00
	@ Rs 15.74/mtr						
Incl Sheet	(84) Supply pretty type fluorescent tube light fitting of 4'-36/40 made out of MS sheet and stove enameled						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with low loss type construction ch 230 volt AC Supplying consisting fluorescent fitts.	1X3	-	-	-	3 NO'S	Rs 1,860.00
		CR 620.25 / Each					
3no. 8T Elec	Supplying and fitting PBRC batten type straight or Curved batten holder and wiring with 60W/230 volts lamps	1X6	-	-	-	6 NO'S	Rs 554.20
		CR 92.37 / Each				Verified 30/03	

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Cont'd	
	(1) Certified th	
	(2) The Contrac men	
	(3) The contrac	

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h	Depth 6	Contents 7	Reference to last Measurement 8
ch			
	-	3 NOS	Rs 1,860.00
		6 NOS	Rs 554.20

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357362

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Total Amt			Rs 18,52,324.00	
						Rs: 17,96,110.00	
	Certificate						
	(1) Certified that the work Completed satisfactorily						
	(2) The Contractor has arranged his own men & materials						
	(3) The Contractor has removed all rubbish from site						
	Measured by HV 23/10/18						

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore

9

EMENT BOOK

Date	Full description, etc, of w	Dimensions			Contents	Reference to last Measurement
		Length	Breadth	Depth		
1	2	4	5	6	7	8
					Total Rs: 28,21,844-00	
					Less Prev. Rs: 10,25,734-00	
					2nd & Final Rs: 17,96,110-00	
					IT = 17961-00	
					Cess = 17961-00	
					CBF = 17961-00	
					LR = 21814-00	
					CGST - 16037-00	
					SGST - 16037-00	
					Fine 1700-00	
					Adju - 93306-00	
					Cheque 17.02804-	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1796110-00

ಗಳನ್ನು ಪಾಸ್ಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 93306-00

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ 1702804-00

By Seventeen Lakh ~~Hundred~~ Two thousand eight hundred four only

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು
ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ
ಬೃ. ಬೆ. ಮ. ಪಾ

30/03

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಡರಹಳ್ಳಿ ಉಪವಿಭಾಗ
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11/3/23

Serial No. 2nd & final

Name of Work ..... phrinding work

Name of Contractor of nature of Agency ..... E

Date of commencement of work ..... Est. c

Date	Full description, etc, of work	N
1	2	
	Job No:- 006	17
	A.S. No:- AS/ CG	
	T.S. No:- TS/ E	
	Work order No:- E	
	Date of starting	
	Date of Complet	
	Date of Record	